

Specifications — P/2 DA4 PLUS and P/2 DA6 PLUS

Video

Gain	0.7V or 1.0V, switchable
Bandwidth	300 MHz (-3dB), fully loaded

Video input

Number/signal type	1 VGA-UXGA RGBHV, RGBS, RGsB, RsGsBs
Connectors	(1) 15-pin HD female (optional Mac/VGA adapters are available)
Nominal level	0.7V p-p for RGB
Minimum/maximum levels	Analog: 0.3V to 1.5V p-p with no offset at unity gain
Impedance	75 ohms
Horizontal frequency	15 kHz to 135 kHz
Vertical frequency	30 Hz to 150 Hz
Return loss	<-45dB @ 5 MHz

Video output

Number/signal type	P/2 DA4 PLUS 4 VGA-UXGA RGBHV, RGBS, RGsB, RsGsBs
	P/2 DA6 PLUS 6 VGA-UXGA RGBHV, RGBS, RGsB, RsGsBs
Connectors	(4 or 6) 15-pin HD female (depending on the model)
Minimum/maximum levels	0.3V to 1.5V p-p
Nominal level	0.7V p-p for RGB
Impedance	75 ohms
Return loss	<-45dB @ 5 MHz
DC offset	±5mV maximum with input at 0 offset

Sync

Input type	RGBHV, RGBS, RGsB, RsGsBs
Output type	RGBHV, RGBS, RGsB, RsGsBs
Input level (min./max.)	3.0V to 5.0V p-p
Output level	TTL: 5.0V p-p, unterminated
Input impedance	510 ohms
Output impedance	75 ohms
Max. propagation delay	60 ns
Max. rise/fall time	2 ns
Polarity	Positive or negative

General

Power	100VAC to 240VAC, 50/60 Hz, 12 watts, internal, autoswitchable
Temperature/humidity	Storage -40° to +158°F (-40° to +70°C) / 10% to 90%, non-condensing Operating +32° to +122°F (0° to +50°C) / 10% to 90%, non-condensing
Rack mount	Yes, with optional 1U rack shelf, part #60-190-01
Enclosure type	Metal
Enclosure dimensions	1.6" H x 8.7" W x 9.4" D (1U high, half rack width) 4.1 cm H x 22.1 cm W x 23.9 cm D (Depth excludes connectors.)
Product weight	2.2 lbs (1.0 kg)
Shipping weight	
P/2 DA4 PLUS	4 lbs (2 kg)
P/2 DA6 PLUS	5 lbs (3 kg)
Vibration	ISTA/NSTA 1A in carton (International Safe Transit Association)
Listings	UL, CUL
Compliances	CE
MTBF	30,000 hours
Warranty	3 years parts and labor

NOTE Specifications are subject to change without notice.

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